

# COMPUTER NETWORKING, ASSOCIATE

## Program Description

This degree provides you with knowledge in the use of computer networks as they apply to commercial and industrial enterprises. You will be prepared to analyze the needs of a user, to design a computer network system to satisfy those needs, and to modify and maintain the network environment relative to both hardware and software

Most organizations make use of the Internet and the World Wide Web. You will use state-of-the art software tools to prepare you to meet the growing needs of the business world.

One of the main objectives in this program is to develop an understanding of the business world so that you can effectively communicate with all levels of management.

## Program Learning Outcomes

- Assist in the analysis of security monitoring, intrusion detection, and troubleshooting techniques and methodologies in a networked operating environment. (*Security and Monitoring*)
- Use current hardware and OS technologies and accepted best practices in network design to help solve business and industrial problems. (*Best Practices*)
- Communicate technical information relative to problems and solutions to professionals in the field. (*Communication*)

## Degree Requirements

Code	Title	Hours
<b>Departmental Courses</b>		
CSCI 103	Survey of Computer Science	3
CSCI 105	Intro to Computer Programming	3
CSCI 106	Web Page Design & Development	3
CSCI 163	Troubleshooting/Repair of PC's	3
CSCI 211	Database Applications	4
CSCI 221	Computer Networks	3
CSCI 248	Network Operating Systems I	3
CSCI 263	Managing Computer Security	3
CSCI 281	Intro to UNIX and Networking	3
CSCI 292	Computer Networking Project	4
<b>Support Courses</b>		
BUSN 121	Introduction to Business	3
BUSN 231	Business Communications	3
Free Electives		7
<b>Total Hours</b>		<b>45</b>

**General Education:** All LSSU Associate's degree candidates must complete the LSSU General Education Requirements.

**A minimum of 62 credits (at the 100 level or higher) must be earned for graduation with a cumulative gpa of 2.00 or higher. A gpa of 2.00 or higher is also required in your Major, as well as in your General Education Requirements.**